

NEW TETRACYCLIC ANALOGUES OF CAMPTOTHECINS, METHODS FOR THEIR PREPARING, INTERMEDIATE COMPOUNDS AND PHARMACEUTICAL COMPOSITION BASED ON THEREOF

Patent number: RU2220144
Publication date: 2003-12-27
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Applicant:
Classification:
- International: C07D213/64; C07D471/14; C07D213/00; C07D471/00; (IPC1-7): C07D471/04; A61K31/44; A61K31/4745; A61P35/00; C07D213/64; C07D471/12; C07D471/14
- european: C07D213/64A; C07D471/14
Application number: RU20000119731 19981216
Priority number(s): FR19970016461 19971224

Also published as:

 WO9933829 (A1)
 EP1042323 (A1)
 US6436951 (B1)
 FR2772763 (A1)
 CA2315897 (A1)
 EP1042323 (B1)
 NO316676B (B1)
 ES2175834T (T3)
 AU749224 (B2)

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Report a data error here**Abstract of RU2220144**

FIELD: organic chemistry, natural compounds, pharmacy. **SUBSTANCE:** invention relates to tetracyclic analogues of camptothecins of the formula (I) wherein R1,R2,R3,R4,R5,R10 are given in the invention claim. Invention describes also intermediate compounds and pharmaceutical composition used for inhibition of topoisomerase=I and II activity. Invention can be used in medicine as a therapeutic agent for treatment of cancer diseases. Invention provides preparing new compounds eliciting valuable pharmacological properties. **EFFECT:** improved preparing methods, valuable medicinal properties of compounds. 16 cl, 2 tbl, 14 ex

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Title: RU2220144C2: NEW TETRACYCLIC ANALOGUES OF CAMPTOTHECINS, METHODS FOR THEIR PREPARING, INTERMEDIATE COMPOUNDS AND PHARMACEUTICAL COMPOSITION BASED ON THEREOF

Derwent Title: New tetracyclic camptothecin analog topoisomerase inhibitors, used as antitumor, antiviral and antiparasitic agents ([Derwent Record](#))

Country: RU Russian Federation
Kind: C2 Patent (Second Publication)

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Published / Filed: 2003-12-27 / 1998-12-16

Application Number: RU19982000119731

IPC Code: IPC-7: [A61K 31/44](#); [A61K 31/4745](#); [A61P 35/00](#); [C07D 213/64](#); [C07D 471/04](#); [C07D 471/12](#); [C07D 471/14](#);

ECLA Code: None

Priority Number: 1997-12-24 [FR1997000016461](#)

Abstract: FIELD: organic chemistry, natural compounds, pharmacy. SUBSTANCE: invention relates to tetracyclic analogues of camptothecins of the formula (I) wherein R1,R2,R3,R4,R5,R10 are given in the invention claim. Invention describes also intermediate compounds and pharmaceutical composition used for inhibition of topoisomerase=I and II activity. Invention can be used in medicine as a therapeutic agent for treatment of cancer diseases. Invention provides preparing new compounds eliciting valuable pharmacological properties. EFFECT: improved preparing methods, valuable medicinal properties of compounds. 16 cl, 2 tbl, 14 ex

INPADOC Legal Status: None [Get Now: Family Legal Status Report](#)

Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	ZA9811796A	1999-06-29	1998-12-22	NEW TETRACYCLIC ANALOGUES OF CAMPTOTHECINS, THEIR PREPARATION PROCESSES, THEIR USE AS MEDICAMENTS AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING THEM.
<input checked="" type="checkbox"/>	WO9933829A1	1999-07-08	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS



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<input checked="" type="checkbox"/>	US20010000521A1	2001-04-26	2000-12-12	New tetracyclic analogues of camptothecins, their preparation processes, their use as medicaments and the pharmaceutical compositions containing them
<input checked="" type="checkbox"/>	US6632946	2003-10-14	2000-12-12	Tetracyclic analogues of camptothecins, their preparation processes, their use as medicaments and the pharmaceutical compositions containing them
<input checked="" type="checkbox"/>	US6436951	2002-08-20	2000-06-20	Camptothecin tetracyclic analogues, preparation, method, applications as medicines and pharmaceutical compositions containing them
<input checked="" type="checkbox"/>	TW0513429B	2002-12-11	1998-12-14	Tetracyclic analogues of camptothecins, their preparation processes, their use as medicaments and the pharmaceutical compositions containing them
<input checked="" type="checkbox"/>	RU2220144C2	2003-12-27	1998-12-16	NEW TETRACYCLIC ANALOGUES OF CAMPTOTHECINS, METHODS FOR THEIR PREPARING, INTERMEDIATE COMPOUNDS AND PHARMACEUTICAL COMPOSITION BASED ON THEREOF
<input checked="" type="checkbox"/>	PT1042323T	2002-09-30	1998-12-16	NOVOS ANALOGOS TETRACICLICOS DE CAMPTOTECINAS PROCESSOS PARA A SUA PREPARACAO SUA UTILIZACAO COMO MEDICAMENTOS E COMPOSICOES FARMACEUTICAS QUE OS CONTEM
<input checked="" type="checkbox"/>	PL0341288A1	2001-04-09	1998-12-16	NOVEL TETRACYCLIC ANALOGUES OF CAMPTOTHECTIN, METHODS OF OBTAINING THEM AS MEDICAL AGENTS AND PHARMACOLOGICAL COMPOSITIONS CONTAINING SUCH ANALOGUES
<input checked="" type="checkbox"/>	NZ0505339A	2003-01-31	1998-12-16	CAMPTOTHECIN TETRACYCLIC DERIVATIVES USEFUL FOR INHIBITING TOPOISOMERASE I AND/OR II PYRIDINE INTERMEDIATES THEREOF
<input checked="" type="checkbox"/>	NO20003314A0	2000-06-23	2000-06-23	NYE TETRAVYKLIKE ANALOGER AV CAMPTOTHECINER, DERES FREMSTILLINGSPROSESSER, ANVENDELSE AV DEM SOM MEDIKAMENTER OG FARMASOEYTISKE PREPARATER INNEHOLDENDE DEM
<input checked="" type="checkbox"/>	NO20003314A	2000-06-30	2000-06-23	NYE TETRAVYKLIKE ANALOGER AV CAMPTOTHECINER, DERES FREMSTILLINGSPROSESSER, ANVENDELSE AV DEM SOM MEDIKAMENTER OG FARMASOEYTISKE PREPARATER INNEHOLDENDE DEM
<input checked="" type="checkbox"/>	NO0316676B1	2004-03-29	2000-06-23	Nye tetraevykluske analoger av camptothecin, deres fremstillingsprosesser, anvendelse av dem til fremstilling av medikamenter og farmasoytiske preparater inneholdende dem
<input checked="" type="checkbox"/>	JP2001527075T2	2001-12-25	1998-12-16	
<input checked="" type="checkbox"/>	IL0136732A0	2001-06-14	1998-12-16	CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
<input checked="" type="checkbox"/>	HU0004628AB	2001-05-28	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION METHODS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

<input checked="" type="checkbox"/>	FR2772763B1	2004-01-23	1997-12-24	NOUVEAUX ANALOGUES TETRACYCLIQUES DE CAMPTOTHECINES, LEURS PROCEDES DE PREPARATION, LEUR APPLICATION COMME MEDICAMENTS ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT
<input checked="" type="checkbox"/>	FR2772763A1	1999-06-25	1997-12-24	NOUVEAUX ANALOGUES TETRACYCLIQUES DE CAMPTOTHECINES, LEURS PROCEDES DE PREPARATION, LEUR APPLICATION COMME MEDICAMENTS ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT
<input checked="" type="checkbox"/>	ES2175834T3	2002-11-16	1998-12-16	NUEVOS ANALOGOS TETRACYCLICOS DE CAMPTOTECINAM, SUS PROCEDIMIENTOS DE PREPARACION, SU APLICACION COMO MEDICAMENTOS Y LAS COMPOSICIONES FARMACEUTICAS QUE LOS CONTIENEN.
<input checked="" type="checkbox"/>	EP1042323B1	2002-04-10	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
<input checked="" type="checkbox"/>	EP1042323A1	2000-10-11	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
<input checked="" type="checkbox"/>	DK1042323T3	2002-08-05	1998-12-16	HIDTIL UKENDTE TETRACYKLISKE CAMPTOTHECIN-ANALOGUE FORBINDELSER, FREMGANGANGSMAADER TIL DERES FREMSTILLING, DERES ANVENDELSE SOM LAEGEMIDLER OG FARMACEUTISKE PRAEPARATER, DER INDEHOLDER DEM
<input checked="" type="checkbox"/>	DE69804856T2	2002-11-07	1998-12-16	TETRACYCLISCHE CAMPTOTHECINEANALOGUE, VERFAHREN ZU IHRER HERSTELLUNG, IHRE VERWENDUNG ALS ARZNEIMITTEL UND DIESE ENTHALTENDE PHARMAZEUTISCHE ZUBEREITUNGEN
	DE69804856C0	2002-05-16	1998-12-16	TETRACYCLISCHE CAMPTOTHECINEANALOGUE, VERFAHREN ZU IHRER HERSTELLUNG, IHRE VERWENDUNG ALS ARZNEIMITTEL UND DIESE ENTHALTENDE PHARMAZEUTISCHE ZUBEREITUNGEN
<input checked="" type="checkbox"/>	CA2315897AA	1999-07-08	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
<input checked="" type="checkbox"/>	AU1764599A1	1999-07-19	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
<input checked="" type="checkbox"/>	AU0749224B2	2002-06-20	1998-12-16	NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
				TETRACYCLISCHE CAMPTOTHECINEANALOGUE, VERFAHREN

<input checked="" type="checkbox"/>	AT0215951E	2002-04-15	1998-12-16	ZU IHRER HERSTELLUNG, IHRE VERWENDUNG ALS ARZNEIMITTEL UND DIESE ENTHALTENDE PHARMAZEUTISCHE ZUBEREITUNGEN
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Other Abstract
Info:

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